Job code: 005-23-000002
Est cost: 40.00 Lakhs

1st & final

M. A. R. 57 (Rule 116)
Measurement Book

No. E

628401

Serial No. .....

Name of work Construction of tank & providing pump set for de-watering in flood areas in Ward No-05 Sakkur Bypatarayanapura Sub Division

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work order No: BBMP/EE/BTP/WO/71/22-23 Dt. 18/11/22						
	Name of Contractor: Sri. Chelkan. P.						
	Date of Recording: 16/5/22						
	(1) Earth work excavation by manual means for drain @ Rate 213.50/m³					UDA - 927.09 m³ = 198062=00	
	(2) providing & filling in foundation with granite/trap broken-metal @ 2812/m³					UDA - 9.0 m³ = 25308=00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(3)	providing & laying P.C.C of mix 1:3:6						
		@ Rate 6105/m^3				UDA	10.76 m^3
							= 65690=00
(4)	providing & Constructing load bearing wall with Solid Concrete blocks of size 400x200x200 m.m						
	upto 125 r.	@ Rate 1315/m^2				UDA	92.30 m^2
							= 121375=00
	Above 125 r.					UDA	18.20 m^2
		@ Rs 1313.63/m^2				23909.00	23897=00
(5)	providing Flush/Ruled or weathered pointing on brick work or brick flooring C.M 1:3						

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

628402

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	upto 12.5%	@ Rate 151.20/m²				UDA	45.05 m² = 6812=00
	Above 12.5%	@ Rate 149.38/m²				UDA	7.99 m² = 1194=00
(6)	providing & laying in position R.C.C for all foundation work M25						
	upto 12.5%	@ Rate 7885/m³				UDA	7.76 m³ = 61188=00
	Above 12.5%					UDA	0.97 m³
		@ Rate 7880.44/m³					= 7645=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(7)	providing & laying in all position Reinforced c.c for all Substructure M20						
	upto 125%					UDQ	12.48 m³
			@ Rate 6882/m³				= 85888 = no.
	Above 125%					UDQ	3.14 m³
			@ Rate 6882.70/m³				= 21612 = no.
(8)	providing Thermo-Mechanically Treated bars of grade Fe 500D or more steel reinforcement for R.C.C						
			@ Rate 105/kg			UDQ	838.88 kg.
							= 88083 = no.

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

628403

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(9)	Supplying Fitting & placing TMT Fe550 bar Reinforcement in Sub structure					UDA	0.75 Tmm
	upto 12.5%			@ Rate 101234/Tmm			= 75926 = 00
	Above 12.5%					UDA	0.07 Tmm
			@ Rate 96719.60/Tm				= 6770 = 00
(10)	providing & fixing Pre cast Covering Slab 100 m.m thick made out of C.C					UDA	25.56 m²
			@ Rate 2068/m²				= 52854 = 00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(4)	~~Loading & Unloading of Stone~~					~~boulders~~	
		@ ~~Rate~~ ~~81/m³~~				UPA	~~927.69 m³~~
							= ~~75143=00~~
(11)	providing & fixing pre cast					covering slab	
	230 m.m thick made out-of C.C					UDA	23.68 m²
		@ Rate 5029/m²					= 119087=00.
(12)	Loading & Unloading of Stone					Boulders	
		@ Rate 81/m³				UDA	= 927.69 m³
							= 75143=00.
(13)	Cost of Haulage Excluding					Loading & Unloading	
						UDA	1187.44 tKm
		@ Rate 115/tKm					= 136556=00.

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

628404

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions Length	Dimensions Breadth	Dimensions Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
(14)	providing Lubi make 10 HP 3 phase dewatering pump @ Rs 10636/each					UPA	1.0 No = 10636=00
(15)	providing 160mm pvc pipe 6kg/sqcm @ Rs 898/mt					UPA	15.0m = 13470=00
(16)	providing 160mm pvc elbow @ Rs 524/each					–	5.0 No = 2620=00
(17)	providing & fixing 160mm pvc Collar @ Rs 369/each					–	3.0 No = ~~1107=00~~ 1107/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
18	providing & fixing 160mm PVC ball valve @ Rate 4343/each						UDA - 2.0 NO = 8686=00
19	providing & Fixing MS gate of size 0.6x0.6mtr @ Rate 8986/each					UDA	1.0 NO = 8986=00
20	providing MS cover with frame @ Rate 7988/each						UDA - 1 NO = 7988=00
21	Supplying of 1.1KV LTUG Cable @ Rate 149/Rmt					UDA	18 Rmt = 2682=00
22	Labour charges of laying 1.1KV UG Cable @ Rate 11/Rmt						18 Rmt = 198=00

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

623405

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
23	Supplying + drawing 3 core flat PVC sheathed submersible pump cable @ Rate 241/Rmt					UOQ	18.0 Rmt = 4338=00
24	Supplying fully automatic star - delta starter @ Rate 8627/each					UOQ	1 No = 8627=00
25	Fabricating supplying + mounting MS box @ Rate 0.37/sqcm						22000 sqcm = 8140=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(26)	Labour charges for erection of outdoor type panel board & meter board unit.	@ Rate 1388/each				UDA	1 DNO = 1388=00
(27)	Scarifying the existing bituminous road surface to a depth of 50mm	@ Rate 4.30/m²				UDA	522.31 m² = 2246=00
(28)	Earthwork Excavation in surface by mechanical means	@ Rate 120.70/m³				UDA	52.24 m³ = 6305=00
(29)	Construction of Granular Sub-Base of required grading	@ Rate 2457/m³				UDA	75.35 m³ = 192506=00

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

628406

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
30	providing laying spreading & compacting aggregates to wet mix macadam @ Rate 2633/m³					UDA 130.59 m³ 343844.00 = 343844=00	graded stone
31	providing & applying primer coat Bitumen Emulsion @ Rate 48.30/m²					UDA 522.31 m² = 25228=00	with SS1 grade
32	providing & applying tack coat Emulsion @ Rate 13/m²					UDA 1417.55 m² = 18429=00	with RS1 Bituminous

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(33)	providing & laying Dense graded Bituminous macadam	@ Rate ~~26.13~~/m³		10875/m³		UDA	26.13 m³ = 284164=00
(34)	providing & laying Bituminous Concrete with not less than 40/60 TPH capacity up to 125 x	@ Rate 11740/m³				UDA	45.00 m³ = 528300=00
~~(35)~~	~~providing & laying in position Reinforced cc for all substructure~~	~~@ Rate 65545.95/m³~~				UDA	~~77.22 m³~~ ~~= 506173=00~~
	Above 1 to 2						11.71 m³
(35)	PCC steel work welding - Nil	@ Rate 11064.74/m³					= 129559=00

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

628407

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
E1	providing & laying in position Reinforced C.C for all Substructure M10					UDR	77.22
			Lea	6554.95	3		= 506174 = 00
						3384469.00	3384469 = 00
						609205.00	609205 = 00
						3993674.00	3993674 = 00
			Round off			3993000.00	
	(1) It is certified that the above work is done satisfactorily.						
	(2) Above Bill amount has not been claimed any of						
	previous Bill.						

16/05/2023

MEASUREMENT BOOK

Date		Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
			Number	Length	Breadth	Depth		
1		2	3	4	5	6	7	8
		Kuvempo Nagara						Sump

Kalligenahalli

Palanahalli

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

16/05/2023
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

628408

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Telicom Layout	10th cross					

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

16/05/2023

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

1st & final

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	P 3726						
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ Zonal public Work - pow work ರದಿ ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 3993000/- ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ ಇದರಲ್ಲಿ ರೂ. 323000/- ಗಳನ್ನು ಕಿಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ರೂ. 3670000/- ಗಳನ್ನು FT/NEFT/RTGS ಮುಖಾಂತರ ಪಾವತಿಸಲಾಗಿದೆ 16/6/23 16/6/23 ವಿಷಯ ನಿರ್ವಾಹಕರು 16/6/23 ಲೆಕ್ಕಾಧಿಕಾರಿಗಳು ಜ್ಯಾಪರಾಯನಮರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಜ್ಯಾಪರಾಯನಮರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು	Total	3993000				
		I.t	39930-00				
		CGST	33839-00				
		SGST	33839-00				
		FSD	119790-00				
		CESS	39930-00				
		CBF	3993-00				
		LR	49899-00				
		Fine	2090-00			1780/-	
		Ded:	323000-00				
		Net payable	3670000-00				